**Ví dụ: phanvancuong 🡺 P = vancuong**



**0111 0110** 0110 0001

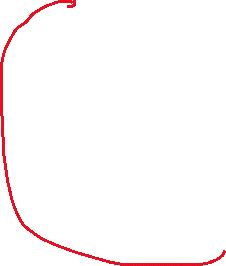
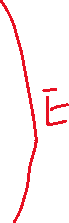
**M** = 0123456789ABCDEF (16\*4 = 64) (P =



|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **1** |
| 2 | **0** | **0** | **1** | **0** | **0** | **0** | **1** | **1** |
| 3 | **0** | **1** | **0** | **0** | **0** | **1** | **0** | **1** |
| 4 | **0** | **1** | **1** | **0** | **0** | **1** | **1** | **1** |
| 5 | **1** | **0** | **0** | **0** | **1** | **0** | **0** | **1** |
| 6 | **1** | **0** | **1** | **0** | **1** | **0** | **1** | **1** |
| 7 | **1** | **1** | **0** | **0** | **1** | **1** | **0** | **1** |
| 8 | **1** | **1** | **1** | **0** | **1** | **1** | **1** | **1** |



|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | **1** | **1** | **0** | **0** | **1** | **1** | **0** | **0** |
| 2 | **0** | **0** | **0** | **0** | **0** | **0** | **0** | **0** |
| 3 | **1** | **1** | **0** | **0** | **1** | **1** | **0** | **0** |
| 4 | **1** | **1** | **1** | **1** | **1** | **1** | **1** | **1** |
| 5 | **1** | **1** | **1** | **1** | **0** | **0** | **0** | **0** |
| 6 | **1** | **0** | **1** | **0** | **1** | **0** | **1** | **0** |
| 7 | **1** | **1** | **1** | **1** | **0** | **0** | **0** | **0** |
| 8 | **1** | **0** | **1** | **0** | **1** | **0** | **1** | **0** |



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | **1** | **1** | **1** | **0** | **0** | **1** |
| 2 | **0** | **1** | **1** | **0** | **0** | **0** |
| 3 | **0** | **0** | **0** | **0** | **0** | **0** |
| 4 | **0** | **0** | **0** | **0** | **0** | **1** |
| 5 | **0** | **1** | **1** | **0** | **0** | **1** |
| 6 | **0** | **1** | **1** | **0** | **0** | **1** |
| 7 | **0** | **1** | **1** | **1** | **1** | **1** |
| 8 | **1** | **1** | **1** | **1** | **1** | **1** |

**K = MSSV. Ví dụ: 18574802010100AB. 165D54990308ABCD**

**K** = 133457799BBCDFF1



|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | **0** | **0** | **0** | **1** | **0** | **0** | **1** | **1** |
| 2 | **0** | **0** | **1** | **1** | **0** | **1** | **0** | **0** |
| 3 | **0** | **1** | **0** | **1** | **0** | **1** | **1** | **1** |
| 4 | **0** | **1** | **1** | **1** | **1** | **0** | **0** | **1** |
| 5 | **1** | **0** | **0** | **1** | **1** | **0** | **1** | **1** |
| 6 | **1** | **0** | **1** | **1** | **1** | **1** | **0** | **0** |
| 7 | **1** | **1** | **0** | **1** | **1** | **1** | **1** | **1** |
| 8 | **1** | **1** | **1** | **1** | **0** | **0** | **0** | **1** |



|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | **0** | **0** | **0** | **1** | **0** | **0** | **1** |
| 2 | **0** | **0** | **1** | **1** | **0** | **1** | **0** |
| 3 | **0** | **1** | **0** | **1** | **0** | **1** | **1** |
| 4 | **0** | **1** | **1** | **1** | **1** | **0** | **0** |
| 5 | **1** | **0** | **0** | **1** | **1** | **0** | **1** |
| 6 | **1** | **0** | **1** | **1** | **1** | **1** | **0** |
| 7 | **1** | **1** | **0** | **1** | **1** | **1** | **1** |
| 8 | **1** | **1** | **1** | **1** | **0** | **0** | **0** |



|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | **1** | **1** | **1** | **1** | **0** | **0** | **0** |
| 2 | **0** | **1** | **1** | **0** | **0** | **1** | **1** |
| 3 | **0** | **0** | **1** | **0** | **1** | **0** | **1** |
| 4 | **0** | **1** | **0** | **1** | **1** | **1** | **1** |
| 5 | **0** | **1** | **0** | **1** | **0** | **1** | **0** |
| 6 | **1** | **0** | **1** | **1** | **0** | **0** | **1** |
| 7 | **1** | **0** | **0** | **1** | **1** | **1** | **1** |
| 8 | **0** | **0** | **0** | **1** | **1** | **1** | **1** |



|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | **1** | **1** | **1** | **0** | **0** | **0** | **0** |
| 2 | **1** | **1** | **0** | **0** | **1** | **1** | **0** |
| 3 | **0** | **1** | **0** | **1** | **0** | **1** | **0** |
| 4 | **1** | **0** | **1** | **1** | **1** | **1** | **1** |
| 5 | **1** | **0** | **1** | **0** | **1** | **0** | **1** |
| 6 | **0** | **1** | **1** | **0** | **0** | **1** | **1** |
| 7 | **0** | **0** | **1** | **1** | **1** | **1** | **0** |
| 8 | **0** | **0** | **1** | **1** | **1** | **1** | **0** |

A picture containing text, water, dark, close

Description automatically generated



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | **0** | **0** | **0** | **1** | **1** | **0** |
| 2 | **1** | **1** | **0** | **0** | **0** | **0** |
| 3 | **0** | **0** | **1** | **0** | **1** | **1** |
| 4 | **1** | **0** | **1** | **1** | **1** | **1** |
| 5 | **1** | **1** | **1** | **1** | **1** | **1** |
| 6 | **0** | **0** | **0** | **1** | **1** | **1** |
| 7 | **0** | **0** | **0** | **0** | **0** | **1** |
| 8 | **1** | **1** | **0** | **0** | **1** | **0** |

K1 = 000110 110000 001011 101111 111111 000111 000001 110010

K1 = 000110 110000 001011 101111 111111 000111 000001 110010



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  | 1 | 2 | 3 | 4 | 5 | 6 | | 1 | **1** | **1** | **1** | **0** | **0** | **1** | | 2 | **0** | **1** | **1** | **0** | **0** | **0** | | 3 | **0** | **0** | **0** | **0** | **0** | **0** | | 4 | **0** | **0** | **0** | **0** | **0** | **1** | | 5 | **0** | **1** | **1** | **0** | **0** | **1** | | 6 | **0** | **1** | **1** | **0** | **0** | **1** | | 7 | **0** | **1** | **1** | **1** | **1** | **1** | | 8 | **1** | **1** | **1** | **1** | **1** | **1** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  | 1 | 2 | 3 | 4 | 5 | 6 | | 1 | **0** | **0** | **0** | **1** | **1** | **0** | | 2 | **1** | **1** | **0** | **0** | **0** | **0** | | 3 | **0** | **0** | **1** | **0** | **1** | **1** | | 4 | **1** | **0** | **1** | **1** | **1** | **1** | | 5 | **1** | **1** | **1** | **1** | **1** | **1** | | 6 | **0** | **0** | **0** | **1** | **1** | **1** | | 7 | **0** | **0** | **0** | **0** | **0** | **1** | | 8 | **1** | **1** | **0** | **0** | **1** | **0** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  | 1 | 2 | 3 | 4 | 5 | 6 | | 1 | **1** | **1** | **1** | **1** | **1** | **1** | | 2 | **1** | **0** | **1** | **0** | **0** | **0** | | 3 | **0** | **0** | **1** | **0** | **1** | **1** | | 4 | **1** | **0** | **1** | **1** | **1** | **0** | | 5 | **1** | **0** | **0** | **1** | **1** | **0** | | 6 | **0** | **1** | **1** | **1** | **1** | **0** | | 7 | **0** | **1** | **1** | **1** | **1** | **0** | | 8 | **0** | **0** | **1** | **1** | **0** | **1** | |

A picture containing white, black, keyboard

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 |
| 1 | **1** | **1** | **0** | **1** |
| 2 | **1** | **0** | **1** | **0** |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |
| 8 |  |  |  |  |

